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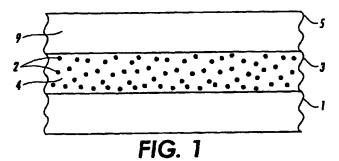
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(54) Imaging members containing high performance charge transporting polymers

(57) Disclosed is an imaging member which comprises a conductive substrate, a photogenerating layer, and a charge transport layer comprising a polymer of

the formulae I, II, III, IV, V, VI, VII, VIII, IX, or X as further defined herein.







EUROPEAN SEARCH REPORT

Application Number

EP 98 12 1408

Catana	O'tables of designation in in	ERED TO BE RELEVANT indication, where appropriate,	Relevant	CLASSIFICATIO	N OF THE
Category	of relevant pass		to claim	APPLICATION	(Int.Ct.6)
A	GB 1 023 378 A (KOD * claim 9 *	AK)	1	G03G5/05 G03G5/147	
A	US 4 959 288 A (BEN 25 September 1990 (* claim 1 *		1	G03G5/07	
A	EP 0 710 893 A (FUJ 8 May 1996 (1996-05 * claim 5 *		1		
D,A	EP 0 295 126 A (XER 14 December 1988 (1 * claim 2 *		1		
A	EP 0 452 682 A (XER 23 October 1991 (19 * page 31, line 44		1		
				TECHNICAL F	IELDS (Int.Cl.6)
				G03G	
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	Place of search	Date of completion of the search 3 September 1999 7: theory or princip	iple underlying the	nhecke, H	
X:pa Y:pa	Place of search THE HAGUE	Date of completion of the search 3 September 199 7: theory or princi E: earlier patent of after the filing of	iple underlying the locument, but pub date d in the application	invention lished on, or	

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03-09-1999

	Patent document ed in search repo	•	Publication date		Patent family member(s)	Publication date
GB	1023378	A	<u> </u>	BE	626529 A	
				DE	1251153 B	
				FR	1341931 A	31-01-19
				US	3234280 A	08-02-19
US	4959288	Α	25-09-1990	NONE	-	
EP	710893	A	08-05-1996	JP	8176293 A	09-07-19
				ÜS	5639581 A	17-06-19
				US	5734003 A	31-03-19
EP	295126	Α	14-12-1988	US	4818650 A	04-04-19
				DE	3882819 A	09-09-19
				DE	3882819 T	23-12-19
				JP	1980714 C	17-10-19
				JP	7010912 B	08-02-199
				JP	64001728 A	06-01-19
				US	4956440 A	11-09-19
EP	452682	Α	23-10-1991	US	5155200 A	13-10-19
				DE	69127649 D	23-10-19
				DE	69127649 T	15-01-19
				JP	4225014 A	14-08-19

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

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